LAYOUT SHOWN AS EXAMPLE

Keying Shown as example

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III

-Shell Material   : Aluminium

-Shell Plating   : Nickel

-Insulator   : Thermoplastic

-Contacts   : Copper Alloy

-Seals & Grommet   : Silicon Elastomer

-Contact Plating   : Gold over copper Alloy 0.8μm minimum

-Durability   : 500 Mating cycles

-Delivered without Souriau contacts

-Temperature Range : -65°C to +200°C

-Salt Spray   : 48 hours

-Mass   : 46.43 g ± 10%

Connector dimension	
Dim	**Nominal**
P	3.25±0.2
PP	4.93±0.2
R1	29.36
R2	26.97
S	36.5±0.3
V	20.83+0/-1.25
W	2.1/2.5
Z	31.5 Max
VV THREAD	M28x1-6g

SOURIAU shall not be liable for any non-conformity or damage
due to a use of the Products which does not comply with
the Specifications issued by either of the Parties or by a third party
(professional recommendation, technical notice.)

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D019F11SDL

A	08-10-2016	First Release		
ISS	DATE	Latest modification - by		MOD N°

Designed By: Date: **CUSTOMER DRAWING**

BASIC SERIES: 8D 0 - 19 F 11 S D L

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 19

PLATING   : F =   Nickel

Delivered W/O Contacts

ORIENTATION : D

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 19-11

TITLE   Aluminium Receptacle 8D series

SCALE

NA

General linear
Tolerances:
±--

NPRDS / PROJECT

859

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FORMAT

A3

SOURIAU DRG N°
8D019F11SDL-C

SHEET

1/2

Contact Layout

Contacts (Insert arrangement 19-11)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+.105 (2.67)	+.260 (6.60)	G	-.275 (6.99)	-.053 (1.35)
B	+.250 (6.35)	+.132 (3.35)	H	-.250 (6.35)	+.132 (3.35)
C	+.275 (6.99)	-.053 (1.35)	J	-.105 (2.67)	+.260 (6.60)
D	+.179 (4.55)	-.215 (5.46)	K	+.000 (0.00)	+.105 (2.67)
E	+.000 (0.00)	-.281 (7.14)	L	+.000 (0.00)	-.092 (2.34)
F	-.179 (4.55)	-.215 (5.46)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
19	-11	11	16	II	All	MS20054-11

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0) REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE 0) FRONT MOUNTING

Dim	Nominal
ØA	32.96 min
ØAA	28.98 min
R1	29.36
ØT	3.25 ±0.13

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PN: 8D019F11SDL

A	08-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: | Date: | **CUSTOMER DRAWING**

TITLE | Aluminium Receptacle 8D series

SCALE | | General linear Tolerances: | NPRDS / PROJECT
NA | | ±-- | **859**

FORMAT		SOURIAU DRG N°	SHEET
A3		8D019F11SDL-C	2/2